

Environmental Protection Agency

§ 74.47

plan in accordance with §72.40(d) of this chapter shall be submitted no later than December 1 of the calendar year for which the termination is to take effect.

(iii) If the requirements of paragraph (a)(8)(ii) of this section are met and upon revision of the opt-in permit of the opt-in source and the Acid Rain permit of each replacement unit governed by the thermal energy plan to terminate the plan pursuant to §72.83 of this chapter, the Administrator will adjust the allowances for the opt-in source and the replacement units to reflect the transfer back to the opt-in source of the allowances transferred

from the opt-in source under the plan for the year for which the termination of the plan takes effect.

(9) *Renewal of thermal energy plan.* The designated representative of an opt-in source may renew the thermal energy plan as part of its opt-in permit renewal in accordance with §74.19.

(b) *Calculation of transferable allowances—(1) Qualifying thermal energy.* The amount of thermal energy credited towards the transfer of allowances based on the replacement of thermal energy shall equal the qualifying thermal energy and shall be calculated for each replacement unit as follows:

$$\text{Qualifying thermal energy} = \frac{\text{the estimated thermal energy at the replacement unit under paragraph (a)(3)(xi) of this section}}{\text{Efficiency constant}}$$

(2) *Fuel associated with qualifying thermal energy.* The fuel associated with the qualifying thermal energy at each

replacement unit shall be calculated as follows:

$$\frac{\text{Fuel associated with Qualifying thermal energy}}{\text{Qualifying thermal energy}} = \frac{\text{Qualifying thermal energy}}{\text{Efficiency constant}}$$

where,

“Qualifying thermal energy” for the replacement unit is as defined in paragraph (b)(1) of this section;

“Efficiency constant” for the replacement unit

= 0.85, where the replacement unit is a boiler

= 0.80, where the replacement unit is a cogenerator

(3) *Allowances transferable from the opt-in source to each replacement unit.* The number of allowances transferable from the opt-in source to each replacement unit for the replacement of thermal energy is calculated as follows:

$$\text{transferable allowances for the replacement unit} = \frac{\text{Fuel Associated with Qualifying thermal energy} \times \text{allowable SO}_2 \text{ emission rate}_{\text{replacement unit}}}{2000}$$

where,

“Allowable SO₂ emission rate” for the replacement unit is as defined in paragraph (a)(3)(vii) of this section;

“Fuel associated with qualifying thermal energy” is as defined in paragraph (b)(2) of this section;

(c) *Transfer prohibition.* The allowances transferred from the opt-in source to each replacement unit shall not be transferred from the unit account of the replacement unit to any other account in the Allowance Tracking System.